

Associate of Science in Automotive Service Technology – Master Service Technician

This is a “*sample*” course sequencing guide for completion of an AS in Automotive Service Technology – Master Service Technician. Developmental courses and prerequisites are not factored into the course sequence. Course descriptions and prerequisites can be found in the college catalog. Not all courses are offered every semester. Students should meet with their academic advisor concerning other degree plan layouts. Please utilize the attached Educational Planning Sheet to plan out your actual course sequence to complete your degree.

| <u>Course</u> | | <u>Credits</u> |
|-----------------------|---|------------------|
| Semester One | | |
| AST100 | Introduction to Automotive Service | 3 |
| EN110 | Freshman English | 3 |
| MA110A | Finite Mathematics | 3 |
| SI*** | Natural & Physical Sciences General Education Course | 4 |
| | | <hr/> 13 credits |
| Semester Two | | |
| AST110 | Engine Repair | 3 |
| AST120 | Automatic Transmission and Transaxle | 3 |
| AST130 | Manual Drive Train and Axles | 3 |
| AST140 | Suspension and Steering | 3 |
| | | <hr/> 12 credits |
| Semester Three | | |
| AST150 | Brakes | 3 |
| AST160 | Electrical/Electronic Systems | 3 |
| AST170 | Heating and Air Conditioning | 3 |
| AST180A | Engine Performance I | 3 |
| | | <hr/> 12 credits |
| Semester Four | | |
| AST180B | Engine Performance II | 3 |
| AST210 | Theory/Practicum: Engine Repair | 3 |
| ***** | Social & Behavioral Sciences General Education Course | 3 |
| CS*** | Computer Literacy General Education Course | 3 |
| | | <hr/> 12 credits |

| <u>Course</u> | | <u>Credits</u> |
|-------------------------------|---|-------------------|
| Semester Five | | |
| AST220 | Theory/Practicum: Automotive Transmission and Transaxle | 3 |
| AST230 | Theory/Practicum: Manual Drive Train and Axles | 2 |
| AST240 | Theory/Practicum: Suspension and Steering | 2 |
| AST250 | Theory/Practicum: Brakes | 2 |
| AST270 | Theory/Practicum: Heating and Air Conditioning | 2 |
| | | <hr/> 11 credits |
| Semester Six | | |
| AST260 | Theory/Practicum: Electrical/Electronic Systems | 4 |
| AST280 | Theory/Practicum: Engine Performance | 5 |
| ***** | Humanities & Fine Arts General Education Course | 3 |
| | | <hr/> 12 credits |
| Total Credits Required | | 72 credits |



Educational Planning Sheet

Name: _____

Major: _____ Total Credits Required: _____

| 1st year | Fall Classes | credits | Spring Classes | credits | Summer Classes | credits | |
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| Total | | | | | | | |

| 2nd year | Fall Classes | credits | Spring Classes | credits | Summer Classes | credits | |
|----------------------------|---------------------|---------|-----------------------|---------|-----------------------|---------|--|
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| | | | | | | | |
| Total | | | | | | | |

| 3rd year | Fall Classes | credits | Spring Classes | credits | Summer Classes | credits | |
|----------------------------|---------------------|---------|-----------------------|---------|-----------------------|---------|--|
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| Total | | | | | | | |